

Title (en)  
CARTON WITH HANDLE

Title (de)  
KARTON MIT GRIFF

Title (fr)  
CARTON À POIGNÉE

Publication  
**EP 3863936 A1 20210818 (EN)**

Application  
**EP 19870179 A 20191008**

Priority  
• US 201862743221 P 20181009  
• US 2019055132 W 20191008

Abstract (en)  
[origin: US2020108988A1] A carton for containing a plurality of articles is disclosed herein. The carton has a plurality of panels that extends at least partially around an interior of the carton. The plurality of panels comprises at least one top panel and at least one side panel foldably connected to the at least one top panel. The carton includes at least one end flap foldably connected to a respective panel of the plurality of panels and at least partially forming a closed end of the carton. The carton has a handle with at least one handle panel in the at least one top panel and at least one handle relief flap in the closed end of the carton. The at least one handle relief flap is configured to be located between respective adjacent containers of the plurality of containers upon activation of the handle.

IPC 8 full level  
**B65D 5/46** (2006.01); **B65D 5/42** (2006.01); **B65D 5/54** (2006.01); **B65D 5/66** (2006.01)

CPC (source: EP US)  
**B31B 50/26** (2017.08 - US); **B31B 50/86** (2017.08 - US); **B65D 71/36** (2013.01 - EP US); **B31B 50/624** (2017.08 - US);  
**B31B 2110/35** (2017.08 - US); **B31B 2120/302** (2017.08 - US); **B65D 2571/00141** (2013.01 - EP US); **B65D 2571/00462** (2013.01 - US);  
**B65D 2571/00469** (2013.01 - EP); **B65D 2571/00524** (2013.01 - EP); **B65D 2571/00543** (2013.01 - EP); **B65D 2571/0066** (2013.01 - EP US);  
**B65D 2571/00728** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 11142383 B2 20211012**; **US 2020108988 A1 20200409**; AU 2019356899 A1 20210325; AU 2019356899 B2 20230202;  
CA 3111575 A1 20200416; CA 3111575 C 20230829; EP 3863936 A1 20210818; EP 3863936 A4 20220720; MX 2021004067 A 20210604;  
NZ 773529 A 20230728; WO 2020076781 A1 20200416

DOCDB simple family (application)  
**US 201916595858 A 20191008**; AU 2019356899 A 20191008; CA 3111575 A 20191008; EP 19870179 A 20191008;  
MX 2021004067 A 20191008; NZ 77352919 A 20191008; US 2019055132 W 20191008